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PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No. 41575.017201	
	First Inventor Jintau Liu	
	Title	Silent Ratchet Actuator
	Express Mail No.	EV 376990008 US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
1. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 2. <input checked="" type="checkbox"/> Specification [Total Pages 13] (preferred arrangement set forth below) <input checked="" type="checkbox"/> Descriptive title of the invention <input checked="" type="checkbox"/> Cross Reference to Related Applications <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R & D <input type="checkbox"/> Reference to sequence listing, a table, or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Summary of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings (if filed) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 6] 4. Oath or Declaration [Total Pages 2] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Unexecuted c. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 17 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney (when there is an assignee) 9. <input type="checkbox"/> English Translation Document (if applicable) 10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment <input checked="" type="checkbox"/> Other: Application Data Sheet 12. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 14. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent 15. <input checked="" type="checkbox"/> Certificate of Express Mail 16. <input checked="" type="checkbox"/> Acknowledgment Postcard

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17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____
 Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/>	Customer Number or Bar Code Label	029493 (Insert Customer No. or Attach bar code label here)	or	<input type="checkbox"/>	Correspondence address below
Name	Robert C. Haldiman, 45,437				
Address	Husch & Eppenberger, LLC 190 Carondelet Plaza, Suite 600				
City	St. Louis	State	MO	Zip Code	63105

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PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number 41575.017201				
CLAIMS AS FILED— PART I				SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE	FEE		RATE	
BASIC FEE (37 CFR 1.16(a))					385.00			770.00
TOTAL CLAIMS (37 CFR 1.16(c))	12 minus 20 =	0		x \$9.00 =		OR	x \$18.00 =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2 minus 3 =	0		x \$43.00 =		OR	x \$86.00 =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ \$145.00 =		OR	+ \$290.00 =	
* If the difference in column 1 is less than zero, enter "0" in column 2				TOTAL		OR	TOTAL	\$770.00

- ☒ A check in the amount of \$770.00 is attached.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 08-3460 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \$
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.



Signature


Dated: 1-20-2004

Robert C. Haldiman, 45,437
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Signature of Person Mailing Correspondence

Deborah Lane-Christian

Typed or Printed Name of Person Mailing Correspondence

P16B/REV01

EXPRESS MAIL CERTIFICATE OF MAILING (37 CFR 1.10)

Express Mail No.: EV 376990008 US

Docket No.

41575.017201

Applicant(s): Jintau Liu

Serial No.

Filing Date
herewith

Examiner

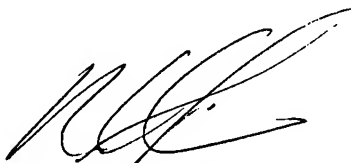
Group Art

Title:

*Silent Ratchet Actuator*TO THE COMMISSIONER OF PATENTS AND TRADEMARKS

Transmitted herewith is:

- ☒ Utility Patent Application Transmittal (2)
- ☒ Specification
- ☒ Drawings
- ☒ Declaration (~~un~~executed)
- ☒ Application Data Sheet
- ☒ Check No. 8631 in the amount of \$770.00
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- ☐

*Signature*

Dated: January 20, 2004

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Signature of Person Mailing Correspondence

Deborah Lane-Christian

Typed or Printed Name of Person Mailing Correspondence